

Gulfco Marine Maintenance

SUPERFUND SITE

Freeport, Brazoria County, Texas

EPA Region 6
EPA ID: TXD055144539
Site ID: 0602027
State Congressional District: 25

Contact: Gary Miller 214-665-8318
Updated: January 2006

Current Status

The Environmental Protection Agency and the Texas Department of Environmental Quality are working with the potentially responsible parties (PRPs) to perform a remedial investigation to define the nature and extent of contamination at the site. Following the investigation, a feasibility study will be done to evaluate alternatives for any necessary remediation. A draft workplan to complete the investigation and feasibility study has been submitted by the PRPs to the agencies and is currently under review.

Following agency approval of the workplan, fieldwork will begin to sample soil, surface and ground water, sediment, and fish tissue at the site.

Benefits

Remediation of the contaminated media will reduce human health and ecological risks associated with the contaminants at the site. Further, revitalization of the area will encourage reuse or redevelopment plans.

National Priorities Listing (NPL) History

Proposal Date: September 2, 2002
Final Listing Date: May 30, 2003

Site Description

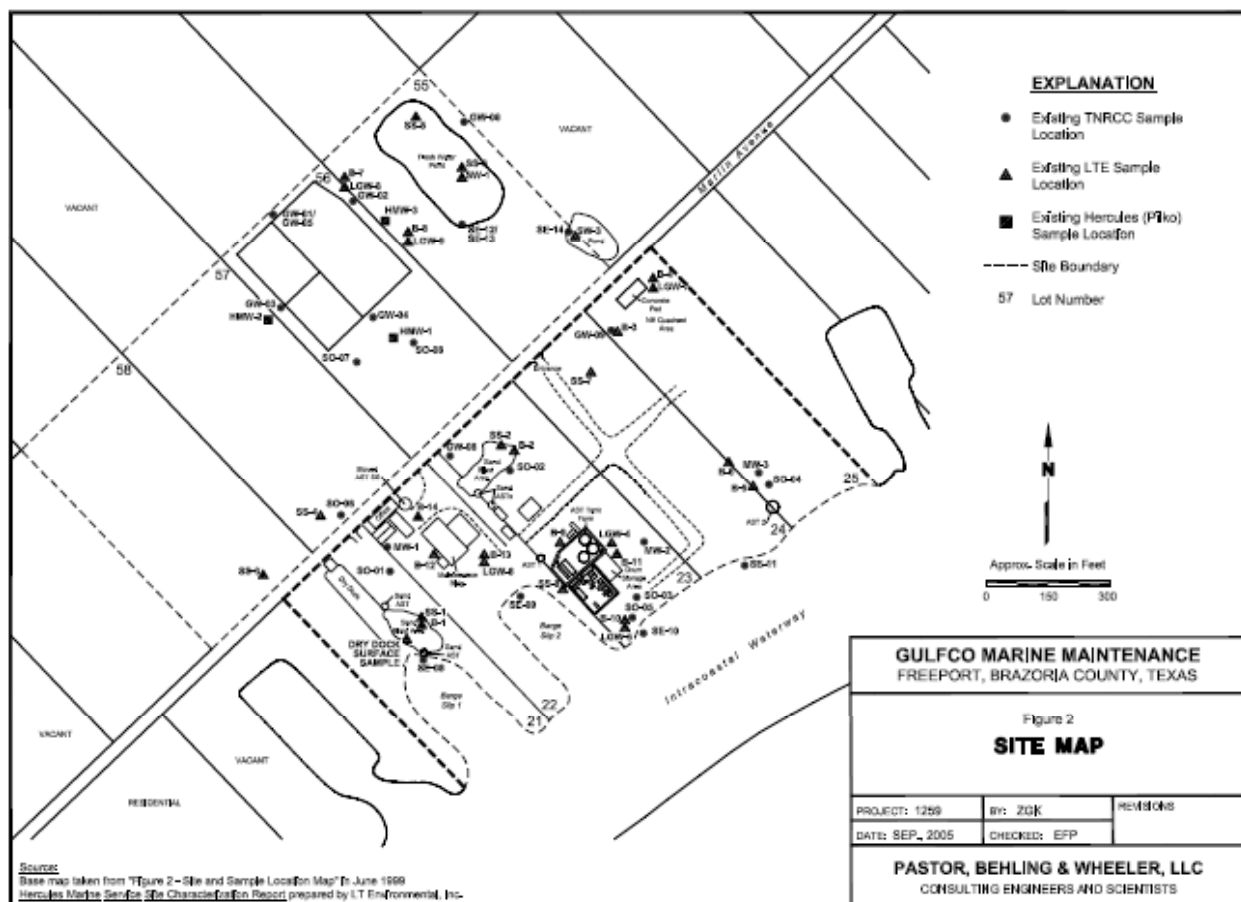
Location: The Gulfco Marine Maintenance facility is located approximately 3 miles northeast of the City of Freeport, Brazoria County, Texas, at 906 Marlin Avenue. The coordinates of the site are 28° 58' 07" north latitude, and 95°17' 23" west longitude.

Population: A residential area is located near the site to the southwest. Approximately 78 people live within the one square mile area surrounding the Site, and 3,392 people live within 50 square miles of the Site. The population of the City of Freeport is 12,800.

Setting: The Gulfco site lies along the north bank of the Intracoastal Waterway between Oyster Creek to the east and the Old Brazos River Channel and the Dow Barge Canal to the west. It is approximately 40 acres in size. The site property north of Marlin Avenue consists of undeveloped land and the closed surface impoundments. The property south of Marlin Avenue was developed for industrial uses with two barge slips connected to the Intracoastal Waterway. A wetland area is located north of the site.

Hydrology: The two primary hydrogeological units beneath the site are the Chicot and Evangeline Aquifers. The shallower Chicot Aquifer is subdivided into two zones: the Lower and Upper Chicot. The Upper Chicot is made up of interconnected sands that are found within 300 feet below ground surface. Ground water flow in the aquifer is reported to be to the southwest. A shallow, briney ground water zone also exists within a few feet of the surface.

Site Map



Wastes And Volumes

A barge cleaning, sand blasting, and repair facility operated at the site from 1971 to 1998. As part of this operation, residual product recovered from the barges was stored in tanks and sold. Wash waters from barge cleaning were stored in three surface impoundments in the north area until closed in 1982. Following closure of the impoundments, the wastewater was stored in a floating barge or storage tanks at the site. Surface storage tanks located in the concrete berm area contain volatile organic compounds including benzene, chloroform, dichloroethane, and trichloroethylene. Potential site contaminants associated with operations include polycyclic aromatic hydrocarbons, pesticides, chlorinated hydrocarbons, and metals. The nature and extent of contamination at the site will be determined during the remedial investigation.

Health Considerations

There is a potential health risk from direct contact with contaminated soils on-site or from the chemicals stored in the tanks. The contaminants also pose environmental risks to the adjacent wetlands via surface runoff or contaminated ground water migration into the wetlands.

Record Of Decision

No Record of Decision has been signed for the site.

The final remedy (cleanup alternative) for a site is published in a Record of Decision (ROD). The ROD is the official documentation of how the EPA considered the remedial alternatives and why the EPA selected the final remedy. Before a ROD can be finalized, the EPA must provide a Proposed Plan for public review and comment. This plan summarizes the remedial alternatives presented in the analysis of the remedial investigation and feasibility study, and identifies the preferred alternative, the rationale for that preferred alternative, and documents that support the EPA's decision. The general public will be notified when the Proposed Plan is open for public review and comment.

Community Involvement

Community Involvement Plan:	November 2004
Open Houses:	October 2005; August 22, 2003
Proposed Plan:	Following completion of the remedial investigation & feasibility study.
Public Meeting:	Following development of the Proposed Plan
Technical Assistance Grant:	September 26, 2002 and May 15, 2003
	No Final Applications received

Site Contacts

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